

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hitoshi FUKUSHIMA and Satoru MIYASHITA

Application No.: US National Stage of PCT/JP00/07963

Filed: July 11, 2001

Docket No.: 110085

For: INK JET PRINTER HEAD, MANUFACTURING METHOD THEREOF, AND
POLYCYCLIC THIOL COMPOUNDSPRELIMINARY AMENDMENTDirector of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 3-5, 8 and 12 as follows:

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3. (Amended) The ink jet printer head according to claim 1, wherein said self-organized film layer is formed on inner walls of said nozzles.

4. (Amended) The ink jet printer head according to claim 1, wherein said nozzles are provided in indented sections provided in said nozzle surface.

5. (Amended) The ink jet printer head according to claim 1, further comprising cavities into which ink is filled and pressure-applying devices that produce volume changes in said cavities, wherein ink drops are ejected from said nozzles through said volume changes in said cavities.